



# IVC series

## Solar storage inverter

### Efficient

- Advanced MPPT technology with up to 99.9% efficiency
- Up to 22+22A PV input current

### User-friendly

- Industrial design with a modern aesthetic look
- Easy to install and simple to use

### All-in-one

- Up to 200A charging current
- Supports Li-ion battery BMS communication

### Reliable

- Outputs high quality pure sine wave AC power
- Up to 6 units in parallel connection

### Safety

- Comprehensive security from hardware to software
- Multiple safety approvals

### Intelligent

- Exclusive Li-ion battery BMS dual activation
- Time-slot function to save cost with peak-valley

MODEL	IVC-4810SP	Can Be Set
<b>INVERTER OUTPUT</b>		
Rated Output Power	10,000W	
Max.Peak Power	20,000VA	
Rated Output Voltage	230Vac, single-phase / three-phase, be paralleled	✓
Load Capacity of Motors	6HP	
Rated AC Frequency	50/60Hz	✓
Switch Time	10ms(typical)	
Parallel Capacity	1 ~ 6 Units	
Output Mode	Off-grid (default) / Hybrid	✓
<b>BATTERY</b>		
Battery Type	Lead-acid / Li-ion / User defined	✓
Rated Battery Voltage	48Vdc	
Voltage Range	40-60Vdc	✓
Max.MPPT Charging Current	200A	✓
Max.Mains/Generator Charging Current	120A	✓
Max.Hybrid Charging Current	200A	✓
<b>PV INPUT</b>		
Num. of MPPT Trackers	2	
Max.PV Array Power	5,500W+5,500W	
Max.Input Current	22A/22A	
Max.Voltage of Open Circuit	500Vdc+500Vdc	
MPPT Voltage Range	125-425Vdc	
<b>MAINS/GENERATOR INPUT</b>		
Input Voltage Range	90 ~ 275Vac	
Frequency Range	50/60Hz	
Bypass Overload Current	63A	
<b>EFFICIENCY</b>		
MPPT Tracking Efficiency	99.9%	
Max. Battery Inverter Efficiency	92%	
<b>GENERAL</b>		
Dimension	620*445*130mm	
Weight	27kg	
Protection Degree	IP20	
Operating Temperature Range	-10~55°C, >45°C derated	
Noise	< 60dB	
Cooling Method	Internal Fan	
<b>COMMUNICATION</b>		
Embedded Interfaces	RS485/CAN/USB/Dry contact	✓
External Modules (Optional)	Wi-Fi / GPRS	✓